

AMENDMENTS TO THE CLAIMS

List of Claims:

1. (Currently Amended) A golf ball which comprises a core, a cover and numerous dimples formed on the surface of said cover,

wherein a base polymer of said cover includes a thermoplastic polyurethane elastomer as a principal component,

Shore D hardness of said cover is 30 or greater and 55 or less,
a surface area occupation ratio Y of these dimples is equal to or greater than 75%, and

a ratio R1 of the diameter d_{\max} of the maximum dimple to the diameter D of said golf ball is ~~11.0%~~ 13.0% or greater and 18.0% or less, and

a ratio R2 of the number of dimples having the diameter d accounting for 13.0% or greater and 18.0% or less of said diameter D of the golf ball, to the total number N of the dimples is equal to or greater than 20%.

Claim 2 (Cancelled)

3. (Original) The golf ball according to claim 1 wherein a mean occupation ratio y which is a value calculated by dividing said surface area occupation ratio Y by total number N of the dimples is equal to or greater than 0.22%.

4. (Original) The golf ball according to claim 1 wherein a summation X of the contour length x of the dimples (total contour length) and the surface area occupation ratio Y satisfy the relationship represented by the following formula (1).

$$X \leq 38.82 \times Y + 1495 \text{ --- (1)}$$

5. (Original) The golf ball according to claim 1 wherein the core has a center and a mid layer, and difference (Hm - Hc) between Shore D hardness Hm of the mid layer and Shore D hardness Hc of the cover is equal to or greater than 5.